

<b>Form PTO-1449</b>			ATTORNEY DOCKET NO. <b>AUS920000414US2</b>		SERIAL NO. <b>Not Assigned</b>	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>			APPLICANT <b>Ghoshal et al.</b>			
			FILING DATE <b>February 11, 2002</b>		GROUP ART UNIT <b>1741</b>	
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	INVENTOR NAME		CLASS/SUBCLASS	FILING DATE
<i>EK</i>	AA	6,000,225	Dec. 14, 1999 Ghoshal		62/3.7	Apr. 27, 1998
<i>EK</i>	AB	5,966,941	Oct. 19, 1999 Ghoshal		62/3.7	Dec. 10, 1997
<i>EK</i>	AC	5,279,128	Jan. 18, 1994 Tomatsu et al.		62/3.4	Oct. 30, 1991
<i>EK</i>	AD	5,867,990	Feb. 9, 1999 Ghoshal		62/3.7	Dec. 10, 1997
<i>CK</i>	AE	5,130,276	Jul. 14, 1992 Adams et al.		437/225	May 16, 1991
<i>EK</i>	AF	6,161,388	Dec. 19, 2000 Ghoshal		62/3.7	Dec. 28, 1998
<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	COUNTRY		CLASS/SUBCLASS	TRANSLATION YES NO
<i>EK</i>	AG	WO 00/08693	Feb. 17, 2000 WIPO		H01L 35/34	X
<i>EK</i>	AH	WO 94/28364	Dec. 8, 1994 WIPO		F25B 21/02	X
<i>EK</i>	AI	0 667 498 A1	Aug. 16, 1995 Europe		F25B 21/02	X
<i>CK</i>	AJ	JP05039966	Feb. 19, 1993 Japan		F25B 21/02	X
<i>CK</i>	AK	JP05172424	Jul. 9, 1993 Japan		F25B 21/02	X
<i>CK</i>	AL	JP405226704A	Sep. 3, 1993 Japan		H01L 35/32	X
<b>OTHER PRIOR ART (including author, title, date, pertinent page, etc.)</b>						
<i>EK</i>	AM	Rinzler et al., "Large-Scale Purification of Single-Wall Carbon Nanotubes: Process, Product, and Characterization", Applied Physics A, 1998, pp. 29-37.				
<i>CK</i>	AN	Smalley, Tubes@Rice, <a href="http://cnst.rice.edu/tubes/">http://cnst.rice.edu/tubes/</a> , April 8, 1999, 8 pages.				
<i>EK</i>	AO	<a href="http://www.tellurex.com/resource/txfaqc.htm">http://www.tellurex.com/resource/txfaqc.htm</a> , August 15, 1999, "Frequently Asked Questions", Tellurex Corporation, pp. 1-30.				
<i>CK</i>	AP	<a href="http://www.tellurex.com/resource/introc.htm">http://www.tellurex.com/resource/introc.htm</a> , August 15, 1999, "An Introduction to Thermoelectrics", Tellurex Corporation, pp. 1-7.				
<i>EK</i>	AQ	Liu et al., "Fullerene Pipes", <a href="http://www.sciencemag.org">www.sciencemag.org</a> , Science, Vol. 280, May 22, 1998, pp. 1253-1255.				
<i>EK</i>	AR	Thess et al., "Crystalline Ropes of Metallic Carbon Nanotubes", Science, Vol. 273, July 26, 1996, pp. 483-487.				
DATE CONSIDERED		<i>Em K</i>				
		EXAMINER <i>6/19/03</i>				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

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LIST OF PRIOR ART CITED  
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ATTORNEY DOCKET NO.  
AUS920000414US2SERIAL NO.  
10/073,695

APPLICANT Ghoshal et al.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	INVENTOR NAME	CLASS/ SUBCLASS	FILING DATE
ER	AA 4,492,809	Jan. 8, 1985	Dahlberg	136/212	Dec. 4, 1979
ER	AB 5,827,752	Oct. 27, 1998	Ju et al.	438/20	Jul. 23, 1996
ER	AC 5,712,448	Jan. 27, 1998	Vandersande et al.	136/203	Feb. 7, 1996
ER	AD 5,399,238	Mar. 21, 1995	Kumar	156/643	Apr. 22, 1994
ER	AE 5,580,827	Dec. 3, 1996	Akamine	437/225	Nov. 2, 1992

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.		PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO	
ER	AF	JP5226704A	Sep. 3, 1993	Japan	H01L 35/32		X
ER	AG	JP8185794A	Jul. 16, 1996	Japan	H01J 9/02		X
ER	AH	DE3818192A1	Dec. 7, 1989	Germany	F25B 21/02		X
ER	AI	JP3155376A	Jul. 3, 1991	Japan	H02N 11/00		X

## OTHER PRIOR ART (including author, title, date, pertinent page, etc.)

ER	AJ	Sungtaek et al., "Study of Interface Effects in Thermoelectric Microrefrigerators", Journal of Applied Physics, Vol. 88, No. 7, October 1, 2000, pp. 4135-4139.

DATE CONSIDERED

6/19/03

EXAMINER

ER K

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